I-TECH
MEDICAL DIVISION

User manual

MNPG89 Rev. 00 Edition 09/05/12

Pressotherapy model

LymphoPress 4

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CE 0476 MDD 93/42/EEC Compliance

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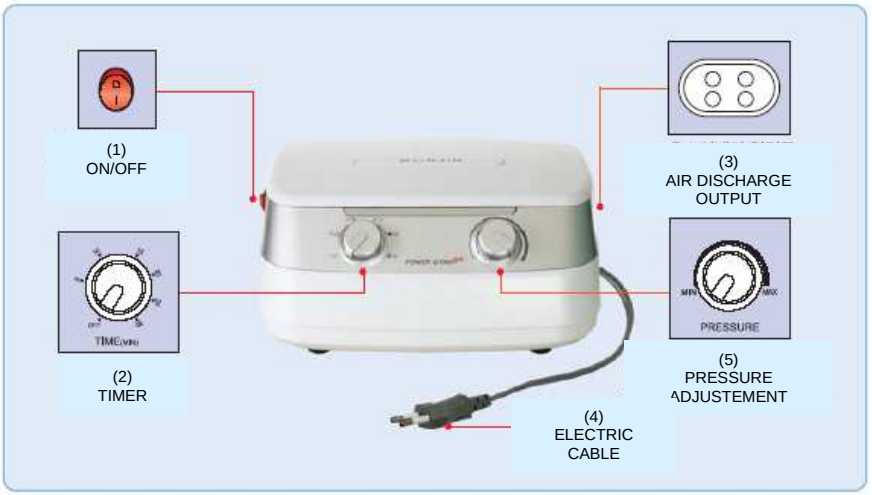
Pressotherapy

Compressive limbs therapy is able to promote a right venous circulation by decreasing muscle tension caused by stress or chronic and acute pains: thanks to its pump action it favorites venous return by increasing tissues blood circulation and finally their physiological renewal.
Compressive limbs therapy can solve blood stagnation problem in damaged sanguine vessels or in body zones not correctly bedewed.
External compression allows excess interstitial fluids to return in circulatory system in order to be quickly removed.
Most common applications are:

- Body massage increase;
- Blood flow promotion thanks to a slow and progressive pressure;
- Lymphatic drainage;
- Lower limbs relief and comfort;
- Substances stagnation prevention in peripheral tissues;
- Blood insufficiency prevention caused by an inadequate pump action;
- Muscle tone loss in disabled or paralyzed patients. Compressive limbs therapy substitutes the manual massage for trophic purposes.

Machine body and accessories



(13)
SPECIAL SPLITTER FOR SIMULTANEOUS THERAPY ON BOTH LEGS AND ABDOMINAL BAND

Accessories size

Legging:

- *Length around 76 cm (from upper side to heel)*
- *Thigh circumference around 65*
- *Ankle circumference around 38 cm*

Armband:

- *Max. length around 86 cm*
- *Biceps circumference around 50 cm*
- *Wrist circumference around 36 cm*

Abdominal band:

- *Abdominal around 136 cm*
- *Height around 46 cm*
- *Velcro height around 31 cm*

Extensions:

- *Max. width around 13 cm*
- *Min. width around 6 cm*

Configurations

Lymphopress 4 can be supplied in 5 different versions:

LYMPHOPRESS 4 TOT – compressive limb therapy system comprising machine body, double legging (6), 2 derivations connection tubes (9), 2 pressure plantars (8), armband (11), abdominal band (12), 1 derivation connection tubes (10), special connector for simultaneous therapy on both legs and abdominal band (13).

LYMPHOPRESS 4 LEG2-ABD – compressive limb therapy system comprising machine body, double legging (6), 2 derivations connection tubes (9), 2 pressure plantars (8), abdominal band (12), 1 derivation connection tubes (10), special connector for simultaneous therapy on both legs and abdominal band (13).

LYMPHOPRESS 4 LEG2 – compressive limb therapy system comprising machine body, double legging (6), 2 derivations connection tubes (9), 2 pressure plantars (8).

LYMPHOPRESS 4 LEG1 – compressive limb therapy system comprising machine body, single legging (6), 1 derivation connection tubes (10).

LYMPHOPRESS 4 ARM1 – compressive limb therapy system comprising machine body, armband (11), 1 derivation connection tubes (10).

Extensions for wide legs (7) and special connector for simultaneous therapy on both legs and abdominal band (13) are available as accessories.
Single accessories are available as optional to complete Lymphopress 4 content and potentiality.

Specifications

Lymphopress 4 has the following specifications:

- *Class IIa equipment (Directive 93/42/EEC, annexed IX, rule 9);*
- *Class II, applied part type BF (Classif. CEI EN 60601-1);*
- *CE0476 certificate;*
- *Equipment not protected against liquids penetration;*
- *Equipment and accessories not subjected to sterilization;*
- *Use of the equipment is prohibited close to flammable substances or in environments with high concentrations of oxygen;*
- *Continuous operating mode equipment;*
- *Equipment not suited to be used in external.*

Technical Specifications

Power Supply	220-240 VAC, 50-60 Hz	**Therapy time**	Impostabile 0÷30 min.
Current	0,2 A	**Max pressure**	300 mm Hg (±10%)
Max output power	25 W	**Weight**	2 Kg

Purpose

Clinical Purpose: *Therapeutic*
Use: *Clinic and domestic use*

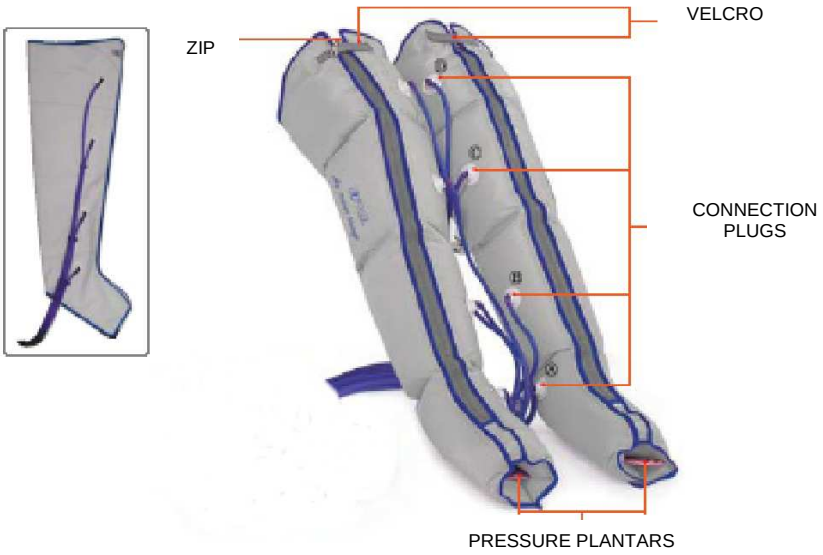
Working instructions

1) Connect cable to the domestic plug 220-240 VAC, then turn ON (1) the ON/OFF switch (1);

2) Wear the applicators

   a) <u>Leggings use</u>

      i) *Wear the leggings (or single legging) and close the zip up to the end, then close the retaining Velcro straps; in case of wide circumferences legs, connect the extensions available as accessories;*



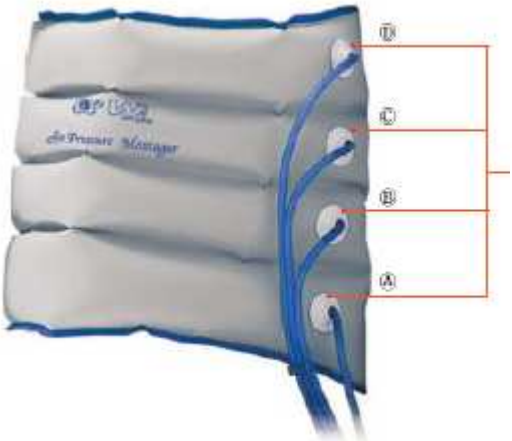
      i) *Insert the pressure plantars under the feet (available only with double leggings);*

      ii) *When wearing the leggings pay attention to position the tubes connection cables in the internal side of each legging; in single legging version connection cables position is not important;*

      iii) *Connect 4 tubes to the 4 plugs positioned on each legging, paying attention to connect the longer tube to the higher position connector (darker color) of legging (thigh);*

iv) *After connecting the tubes to the relatives leggings, connect the tubes to the air discharge output (5).*

b) *<u>Abdominal band use</u>*



i) *Wear the band and connect the tubes to the band plugs, paying attention to connect the longer tube to the higher position connector on abdominal band;*

ii) *After connecting the tubes to the band, connect the tubes to the air discharge output (5).*

b) *<u>Simultaneous use of double leggings and abdominal band</u>*

i) *Connect the special splitter for simultaneous therapy (13) to the air discharge output (5). Then connect double leggings and abdominal band connectors to the splitter;*

ii) *Wear the leggings (or single legging) and close the zip up to the end, then close the retaining Velcro straps; in case of wide circumferences legs, connect the extensions available as accessories;*

iii) *Insert the pressure plantars under the feet (available only with double leggings);*

iii) *When wearing the leggings pay attention to position the tubes connection cables in the internal side of each legging; in single legging version connection cables position is not important;*

iv) *Connect 4 tubes to the 4 plugs positioned on each legging, paying attention to connect the longer tube to the higher position connector (darker color) of legging (thigh);*

iv) *After connecting the tubes to the relatives leggings, connect the tube to the splitter connected to the air discharge output (13);*

v) *Wear the band and connect the tubes to the band plugs, paying attention to connect the longer tube to the higher position connector on abdominal band;*

vi) *After connecting the tubes to the band, connect the tubes to the splitter connected to the air discharge output (13).*

c) *<u>Armband use</u>*

i) *Wear the armband and connect the tubes to the armband plugs, paying attention to connect the longer tube to the higher position connector (darker color) on armband;*

ii) *After connecting the tubes to the armband connect the tubes to the air discharge output (5).*

3) Therapy time (selector (2) on machine body)
   a) *Therapy time can be adjusted from 0 to 30 minutes: pump motor of main body will start operating;*
   b) *The air will fill up in applicator chambers in 2 minutes.*

Attention: The time selector cannot be moved counterclockwise during the treatment. Please wait the session end to adjust a new therapy time

4) Pressure regulator (selector (3) on machine body)
   c) *Air pressure in compression chambers can be adjusted from 0 to maximum pressure (around 300 mmHg ± 20%) by rotating the knob in clockwise;*
   a) *Start the treatment with a middle pressure and increase it progressively according to your needs.*

Troubleshooting

Problem	Solution
LymphoPress 4 doesn't switch on	• Check the connection to the domestic plug • Check the ON/OFF button • Check the power supply status (no sign of damages)
LymphoPress 4 emits a strange sound like air leakage	• Check if there are any damages and/or holes in the tubes and connectors • Check the applicators right connection to the main body • Check if the tubes are pressed or bent
There is no pressure or the air doesn't go into the applicators	• Check the applicator right connection to the main body • Check if the tubes are pressed or bent • Check if the compression chambers swell up in a progressive way
Air goes into the compression chambers and/or an air leakage is present in the applicators	• Check if there are any holes or damages in the compression chambers. If there are not any air leakages, switch off the device then switch on it and re-check the right working

ATTENTION: with Lymphopress 4 double leggings version, always connect both leggings to the connection tube even if you use only one legging during the treatment.

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Warnings

The following warnings guarantee user safety and prevention against damages and/or lesions.
Please read it carefully before using LymphoPress 4.

Warning

In case of not following the instructions the user may suffer from serious injuries

Caution

In case of not following the instructions the user may suffer from injuries or device damages

Indications

Prohibition indication

This is an indication for not disassembling

Pay attention

Disconnect the cable from domestic plug

Danger

Do not use the device in presence of acute inflammations or injuries. Infections risk.

Please consult the doctor in case of cancer, intestinal problems, fractures, acute thrombosis and other invalidating pathologies

Do not use the device if you feel pain or bad feelings.

Do not exceed 20 minutes in the first treatments. We suggest to start with treatments of 5/10 minutes.

Use only in consenting adults

Attention do not spill liquids or any substances on the device. Liquid penetration could damage the device.

In case of suspected malfunctioning do not open or repair the device. Do not use the device. Electric shock risk. Contact the distributor or fabricant.

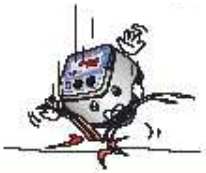
Do not connect or disconnect the device from domestic plug with wet hands. Electric shock risk.

Use the device only with 220V power supply. Electric shock risk. Disconnect the device from domestic plug when not in use.

Do not press, bend or damage the electric cable. Electric shock risk.

Avoid to connect more devices to the same multiple plug. Overheating risk.

Avoid device hits or drops.



Caution

Do not move when the device is working.

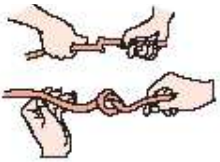
Do not expose the device to the sun and do not storage it next to heat sources.

Do not place any objects on the device or on its parts (connector tubes, applicators, etc.).

If you not use the device for a long time or if you use the device in cold places, a malfunctioning may happen: make it operating by changing progressively the intensity for 3-4 times.

Clean the device using a dry soft cloth. Do not use cleaning solvents or other chemical substances in order to avoid any damages.

Do not bend or tie the connection tubes.



Use the device only for expected purposes.

Product subject to WEEE regulations concerning separate waste collection of electronic equipment.

Cleaning

Clean the device and its accessories using a soft cloth.
Resistant stains can be removed using a sponge soaked in solution of water and mild soap.
Wait for the complete drying before using the device and its accessories.
Do not use chemical substances, solvents or cleaners to avoid device and accessories damage.

Maintenance, carriage and storage

If it is used in accordance with the instructions of the user manual, the device does not need a particular regular maintenance.

Carriage precautions
It doesn't need any particular carriage precautions: however we recommend to put away Lymphopress 4 and its accessories in their own box after every treatment.

Storage precautions
Lymphopress 4 is protected till following environmental conditions.

Outside of the packaging		
	temperature	from +5 to + 40 ℃
	humidity	from 30 to 80%
	pressure	from 500 to 1060 hPa
Inside of the packaging		
	temperature	from –10 to +55 ℃
	humidity	from 10 to 90%
	pressure	from 500 to 1060 hPa

Disposal

The equipment is subjected to WEEE regulations (see the symbol on the label) concerning separate waste collection: when disposing this product, please use the designed areas for disposing electronic waste or contact the manufacturer.

Assistance

Every intervention on device must be performed by manufacturer. For any assistance intervention contact the national distributor or:

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You can get any technical documentation on spare parts but only prior business authorization.

Spare parts

Contact the distributor or the fabricant for original spare parts at following address:

I.A.C.E.R. S.r.l.
Via S. Pertini, 24/a • 30030 Martellago (VE)
Tel. 041.5401356 • Fax 041.5402684

To preserve product warranty, functionality and product safety we recommend to use only original spare parts.

Warranty

Make reference to the national laws for any warranty conditions by contacting the national distributor (or directly the manufacturer IACER).

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